



PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Teruo TAKIZAWA

Group Art Unit: 2826

Application No.: 10/785,073

Examiner: K. QUINTO

Filed: February 25, 2004

Docket No.: 118439

For: SEMICONDUCTOR DEVICE INCLUDING P-TYPE SILICON LAYER INCLUDING  
IMPLANTED GERMANIUM

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 CFR §1.56, the attention of the Patent and Trademark Office is hereby directed to the reference(s) listed on the attached PTO-1449. Unless otherwise indicated herein, one copy of each reference is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the reference(s) be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

- ☒ 1. This Information Disclosure Statement is being filed more than three months after the U.S. filing date and after the mailing date of a Final Rejection, Notice of Allowance, or other action that closes prosecution (e.g., Quayle Action), but before payment of the Issue Fee. Attached is our Check No. 195143 in the amount of \$180.00 in payment of the fee under 37 CFR §1.17(p). Please credit or debit Deposit Account No. 15-0461 as needed to ensure consideration of the disclosed information.
- ☒ a. I hereby certify that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement.  
37 CFR §1.97(e)(1).
- ☒ 2. In accordance with 37 CFR §1.98(a)(2)(ii), copies of any U.S. patents and patent application publications are not attached.
- ☒ 3. An English language Abstract of one or more non-English language reference is attached. See References 3-8.

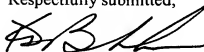
07/25/2007 MAHMD1 00000124 10785073

01 FC:1006

100.00 0P

- ☒ 4. A computer-generated English language translation of one or more Japanese Patent Publication cited herein has been obtained from the website of the Japanese Patent Office ([<http://www.jpo.go.jp>]), and is attached, but has not been reviewed for accuracy. See References 3-8.
- ☒ 5. References 1 and 2 correspond to references 3 and 4, respectively.

Respectfully submitted,



James A. Oliff  
Registration No. 27,075

Kirk D. Berkheimer  
Registration No. 59,874

JAO:KDB/mab

Date: July 24, 2007

**OLIFF & BERRIDGE, PLC**  
**P.O. Box 19928**  
**Alexandria, Virginia 22320**  
**Telephone: (703) 836-6400**

|  |
|--|
| DEPOSIT ACCOUNT USE<br>AUTHORIZATION<br>Please grant any extension<br>necessary for entry;<br>Charge any fee due to our<br>Deposit Account No. 15-0461 |
|--|



Sheet 1 of 1

|   |             |  |            |                                  |                               |
|---|-------------|--|------------|----------------------------------|-------------------------------|
| Form PTO-1449<br>(REV. 1/06)  |             | US Dept. of Commerce<br>PATENT & TRADEMARK OFFICE      |            | ATTY DOCKET NO.<br>118439        | APPLICATION NO.<br>10/785,073 |
| INFORMATION DISCLOSURE STATEMENT  |             |  |            |                                  |                               |
| (Use several sheets if necessary)   |             |  |            |                                  |                               |
|   |             |  |            | APPLICANT(S)<br>Teruo TAKIZAWA   |                               |
|   |             |  |            | FILING DATE<br>February 25, 2004 |                               |
|   |             |  |            | GROUP<br>2826                    |                               |
| <b>U.S. PATENT DOCUMENTS</b>  |             |  |            |                                  |                               |
| Examiner<br>Initials  | Cite<br>No. | Document Number  | Date       | Name                             |                               |
|   | 1           | 6,518,197  | 2-11-2003  | Hirose                           |                               |
|   | 2           | 6,049,109  | 4-11-2000  | Omura et al.                     |                               |
|   |             |  |            |                                  |                               |
|   |             |  |            |                                  |                               |
|   |             |  |            |                                  |                               |
|   |             |  |            |                                  |                               |
|   |             |  |            |                                  |                               |
|   |             |  |            |                                  |                               |
|   |             |  |            |                                  |                               |
| <b>FOREIGN PATENT DOCUMENTS</b>   |             |  |            |                                  |                               |
| Examiner<br>Initials  | Cite<br>No. | Document Number  | Date       | Country                          | With<br>English<br>Abstract   |
|   | 3           | JP A 2002-299641                                       | 10-11-2002 | Japan                            | x                             |
|   | 4           | JP A 08-088377   | 4-2-1996   | Japan                            | x                             |
|   | 5           | JP A 2001-237434                                       | 8-31-2001  | Japan                            | x                             |
|   | 6           | JP A 10-163506   | 6-19-1998  | Japan                            | x                             |
|   | 7           | JP A 2001-118856                                       | 4-27-2001  | Japan                            | x                             |
|   | 8           | JP A 06-267971   | 9-22-1994  | Japan                            | x                             |
| <b>OTHER DOCUMENTS</b>  |             |  |            |                                  |                               |
| Examiner<br>Initials  | Cite<br>No. | (Including Author, Title, Date, Pertinent Pages, etc.) |            |                                  |                               |
|   |             |  |            |                                  |                               |
|   |             |  |            |                                  |                               |
|   |             |  |            |                                  |                               |
|   |             |  |            |                                  |                               |
|   |             |  |            |                                  |                               |
|   |             |  |            |                                  |                               |
|   |             |  |            |                                  |                               |
| EXAMINER  |             |  |            |                                  | DATE CONSIDERED               |
| Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. |             |  |            |                                  |                               |

Date: July 24, 2007